

45-1068: Mouse Monoclonal Antibody to Human IgG (Fc) (Clone : 27B11E9) (Discontinued)

Clonality :	Monoclonal
Clone Name :	27B11E9
Application :	ELISA
Format :	Purified
Isotype :	Mouse IgG1, μ
Immunogen Information :	Human Fc-tagged protein

Description

Human IgG is the major immunoglobulin in blood and plays a key role in the humoral immune response. The Fc portion of human IgG binds to Fc receptor that can activate the complement system. Fc-tagged proteins are generated with DNA recombinant technology. The protein of interest is fused with the Fc tag. Most vectors encoding for Fc tag sequence use the Fc region of human IgG1. Protein A can be used for the purification of Fc-tagged proteins. Human IgG (Fc), mAb, Mouse is a useful tool for immunoassay of human Fc-tagged proteins and human IgG. Human IgG (Fc) Antibody, mAb, Mouse is produced from the hybridoma resulting from fusion of SP2/0-Ag14 myeloma and B-lymphocytes obtained from mouse immunized with human Fc-tagged protein.

Product Info

Amount :	40 μ g
Purification :	Protein A chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at $2-8^{\circ}\text{C}$. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA: 0.05-0.1 μ g/ml

Western Blot: 1-2 μ g/ml

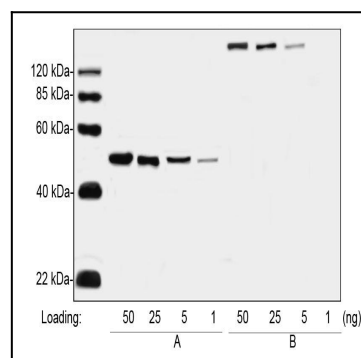


Figure-1 : Western blot analysis of IgG (Fc) Antibody (Clone: 27B11E9) on (A) human Fc-tagged protein and (B) human IgG. IRDye 800 Conjugated affinity Purified Goat Anti-Mouse IgG was used as secondary antibody.